Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 14 Dec 2020 until 23:59 on Tuesday 15 Dec 2020

Forecast Issued on Sunday 13 Dec 2020 at 14:05

Confidence: High confidence for a period of unsettled weather with very strong winds throughout, also spells of showers or frontal rain. Very few periods of more settled conditions in this forecast.

Headline for Monday 14 Dec 2020: A blustery showery day, gales on the hills.

Mountain weather hazards on Monday 14 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Light rain showers (night)	Light rain showers (night)	Cloudy	Cloudy	Light rain showers	Partly cloudy (night)	Light rain showers (night)
Precipitation probability							
30%	30%	50%	50%	60%	60%	60%	60%

Forecast for Monday 14 Dec 2020

Weather: Showers will continue overnight, a few clearer spells are possible too. Showers continuing throughout the day some of these will be quite heavy with the risk of hail at times, a few brighter spells or even sunny intervals but at times the showers will group together to give long spells of rain. Gales on the tops of the hills and some very strong gusts as showers move through the area.

Chance of cloud free mountain/hill tops above 600m: 50% chance, quite a lot of cloud around the hill tops during showers, cloud will fall to 400m in showers, more chance of clear tops in the afternoon.

Visibility: Visibility will be good out with showers but will fall moderate or poor in heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 14 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/37 S	27/38 S	31/43 SW	29/41 SW	27/39 SW	24/35 SW	23/33 S	23/34 S	23/34 S
300	20/31 S	20/31 S	23/35 S	21/33 SW	20/31 SW	17/27 SW	15/26 S	14/25 S	15/25 S
Valley	13/30 S	11/29 S	16/34 S	14/32 SW	14/30 SW	12/26 SW	10/25 S	10/25 S	11/25 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/-0	5/-2	4/-2	4/-2	5/-1	4/-2	4/-2	4/-2
300	8/4	8/4	7/2	7/2	7/3	7/3	6/2	6/2	6/2
Valley	9/6	8/5	8/4	7/4	8/4	8/4	7/4	6/3	6/3
Freezing Level*	1500m	1400m	1400m	1300m	1200m	1300m	1200m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The strongest gusts will be around heavier showers, possibly reaching gale at times on the tops, easing a little in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 13 Dec 2020	7mm	24.4mm	33.2mm

Forecast for Tuesday 15 Dec 2020

Weather: A mainly cloudy day and still a few showers around on Tuesday but these becoming less frequent.

Maximum wind: Southerly 20mph gusts 30-35 mph

Chance of cloud free mountain/hill tops above 600m: 50%, cloud falling below the summits in showers, to around 500m, but there will be some breaks during the day.

Visibility: falling moderate or poor in showers but good otherwise.

Temperature: **Valleys:** Plus 8 celsius.
At 600m: Plus 4 celsius.
Freezing level: Above the summits.

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